

Riding Mowers

Z44 & Z52 Accu-Z Razor® (S/N 526171+)

Engine Specifications						
Engine Type	Briggs & Stratton			Honda		
Mower Model No.	Z44	Z52		Z44	Z52	
Horsepower	22	22	26	18	18	20
Engine Model Type	44K777-0116-E1	44K777-0116-E1	44P777-0116-E1	GXV610K1-QAF	GXV610K1-QAF	GXV620K1-QAF
No of Cylinders	2	2	2	2	2	2
Displacement	44.2 cu. in. (725 cc)	44.2 cu. in. (725 cc)	44.2 cu. in. (725 cc)	37.5 cu. in. (614cc)	37.5 cu. in. (614cc)	37.5 cu. in. (614cc)
Compression Ratio	N/A	N/A	N/A	8.3:1	8.3:1	8.3:1
Max Torque	N/A	N/A	N/A	32.5 FT. LBS @ 2500 RPM	32.5 FT. LBS @ 2500 RPM	32.5 FT. LBS @ 2500 RPM
Oil Type	SAE 10W-30			SAE 10W-30		
Oil Capacity w/ Filter	2 US quarts	2 US quarts	2 US quarts	2.3 US quarts	2.3 US quarts	2.3 US quarts
Oil Filter	831-053C			831-038C		
Air Filter, Paper	8531-054C			831-036C		
Air Filter, Pre Cleaner	None			831-037C		
Fuel Filter	Replaceable, Automotive-Type Land Pride Part No. 831-035C					
Cooling	Air cooled, Fly-wheel fan					

Hydrostatic Transmission Specifications		
Mower Model No.	Z44	Z52
Traction Drive Type	Dual Hydrostatic Transmission	
Motor/Pumps	Two variable displacement, axial piston type.	
Motor/Pump Drive	V-belt drive from engine crankshaft	
Oil Type	SAE 20W-50 Engine oil	
Oil Capacity - Per Side	Total = 78 to 80 fl. oz. to fill transaxle and expansion tank to cold fill line (75.7 fl. oz. to fill transaxle to top port plug + 4.3 fl.oz. to cold fill line in expansion tank)	
Hydraulic Oil Filter No.	831-060C	

General Specifications		
	Z44	Z52
Width of Cut	44"	52"
Trim Capacity (left side)	0.1"	5"
Overall width	49.7"	56.9"
Tire-to-tire width:	43.8"	44.5"
Height	39"	
Overall Length without hitch plate	67.9" w/Honda Engine 68.7" w/Briggs & Stratton Engine	
Weight	720 lbs. w/Honda Engine 706 lbs. w/Briggs & Stratton Engine	735 lbs. w/Honda Engine 721 lbs. w/Briggs & Stratton Engine
Drive Tires	18 x 8.5 - 8, turf tread	18 x 9.5 - 8, turf tread
Front Tires	11 x 4.00 - 5, rib tire	
Ignition	Electronic	

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General Specifications		
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Starter	12-volt (.8 KW), solenoid shift positive engagement. w/Honda Engine 12-volt (.8 KW), industrial Starter w/Briggs & Stratton Engine	
Charging System	12-volt, 20 amp w/Honda Engine 12-volt, 16 amp w/Briggs & Stratton Engine	
Governor	Mechanical	
Fuel	Unleaded gasoline with octane rating of 87 or higher	
Fuel Capacities	12 US GAL	
Ground Speed	Forward: 0-7.5 MPH Reverse: 0-5.5 MPH	
Steering Type	Twin lever steering provides independent control of each drive wheel.	
Twin Lever Steering Controls	Speed, forward, reverse, brake, turns and park.	
Steering Turning Radius	True zero degree. Turns with counter-rotating independent drive wheels	
Brake Service	Hydrostatic dynamic braking	
Park Brakes	Spring applied electric release pawl over cog wheel.	
Mower Drive	Single V-belt with electric clutch	
Safety Features	Operator presence system connected to deck and drive clutches.	
Seat	Molded-vinyl seat. Bolt loosening required for forward and reverse adjustments. Optional armrests kit for standard molded-vinyl seat. Optional deluxe cushion seat with arm rests.	
Mainframe Construction	1 1/2" square solid steel.	
Drive Motor Mount	1/8" welded steel	
Front Caster Wheels	Mounted with roller bearings on each wheel.	
Front Caster Forks	3/8" steel.	
Deck Thickness	11 Gauge decks with reinforcements welded into spindle mount areas	
Reinforced Deck Front	11 GA. x 3 1/2" x 1 1/2" Box-Section	
Deck Trim Edges	Solid 1" x 3/8" steel bars for reinforced impact area	
Deck Housing Depth	4 1/8" deep, (room for high-capacity mowing)	
Deck Lift	Foot-operated deck height adjustment. Pin for setting height and transport position.	
Hand Operated Controls	Ignition switch, throttle lever, control levers, blade engagement switch, choke lever and Left/Right Fuel Tank Valve.	
Indicators	Engine warning light and hour meter	
Cup Holder	Two cup holders molded into the left side fuel tank. Accommodates nearly any cup size including Big Gulp.	
Cutting Heights	Foot-operated deck height adjustment. Pin for setting height, transport position. Height adjustment in 1/4" increments from 1 1/2" to 4 1/2"	
Mowing Blades	Heavy-duty, heat-treated, high-lift steel blades	
	.20" x 2 1/2" x 15.81"	.20 x 2 1/2" x 17.81"
Blade Tip Speed	16,811 FPM	18,937 FPM
Blade Drive	V-belt drive to all three spindles. Spring tension idler pulleys.	
Spindles	Machine ductile housing, 1" diameter high carbon steel shafts and greasable ball bearings.	
Flotation	Free-floating mower deck using three blades with center blade to the front. Mower deck is suspended at the four corners on spring-assisted chains. Includes 4 anti-scalp wheels to improve flotation in rolling and uneven terrain.	

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